

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 September 2005 (29.09.2005)

PCT

(10) International Publication Number
WO 2005/090730 A1

(51) International Patent Classification⁷: E05F 15/16

(21) International Application Number:
PCT/GB2005/001121

(22) International Filing Date: 17 March 2005 (17.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0406359.0 20 March 2004 (20.03.2004) GB

(71) Applicant and

(72) Inventor: GUNTON, Bruce, Stanley [GB/GB]; 3 Gisborne Close, Yoxall, Staffordshire DE13 8NU (GB).

(74) Agents: MICHAEL, Skinner et al.; Swindell & Pearson, 48 Friar Gate, Derby DE1 1GY (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

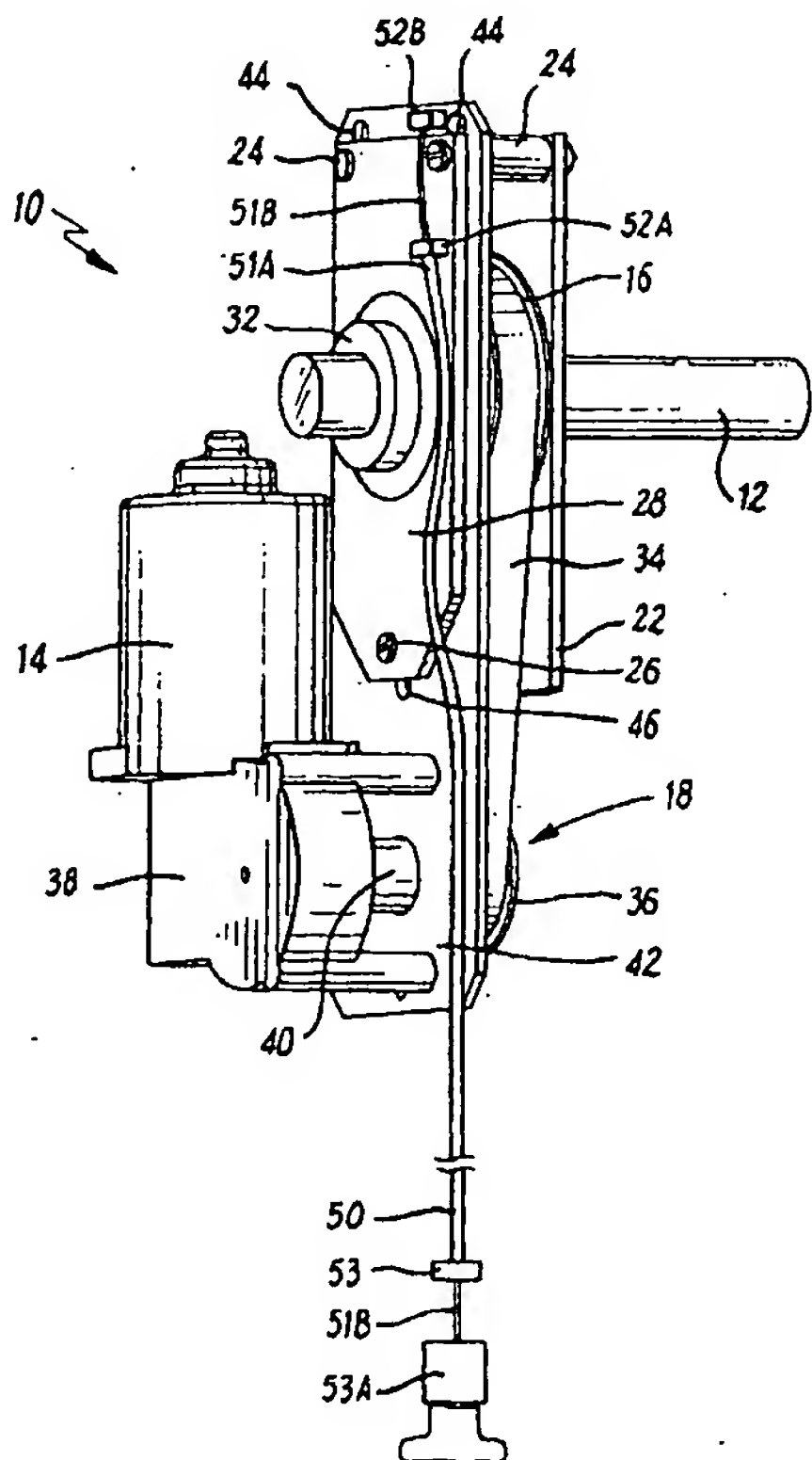
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: DRIVE ARRANGEMENT



(57) **Abstract:** A drive arrangement (10) for a shaft (12) has a module carried by the shaft (12) and including a motor (14), a driven wheel (16) and a drive wheel (36). The motor (14), gearbox (38) and drive wheel (36) are carried on a slider plate (42) which can slide transverse to the axis of the shaft (12). A front plate (28) is fixed transverse to the axis of the shaft (12). A Bowden cable (50) has its sheath (51A) attached at (52A) to the front plate (28), and its inner cable (51B) attached at (52B) to the slider plate (42), so that manipulation of the Bowden cable at a remote location allows force to be applied between the plates (28, 42), either tightening the belt (34) to apply drive from the motor (14) to the shaft (12), or releasing tension the belt (34), to disengage the drive.

WO 2005/090730 A1